I CLAIM:

1.   A method for controlling color bleed in relation to a system-invoked
halftone color-image process which involves the practice of error diffusion, said method

5   comprising

selecting a location in the system which is downstream therein relative to where
such error diffusion takes place,

at that selected location, performing diffusion-accumulated error calculation,

at another location in the system which is downstream from where said

10   performing takes place, applying error filtering to define a numerically weighted pixel-
neighbor distribution pattern for such calculated accumulated error, where the numbers
associated with that pattern add to a defined distribution-weight totality number, and

then preparing, for use in a next-pixel error-diffusion event, a chosen distribution-
weight totality number which is less than the defined distribution-weight totality number.

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2.   The method of claim 1, wherein the mentioned chosen distribution-weight
totality number is 15/16 of the mentioned defined distribution-weight totality number.

3.   The method of claim 1, wherein said applying is done using a Floyd and

20   Steinberg error filter.

4.   The method of claim 3, wherein the mentioned chosen distribution-weight totality number is 15/16 of the mentioned defined distribution-weight totality number.

5.   The method of claim 1, wherein said applying is done using an error filter which is one of a (1) Floyd and Steinberg filter, (2) a Jarvis, Judice and Ninke filer, and (3) a Stucki filter.

6.   The method of claim 1, wherein color error diffusion takes the form of vector error diffusion.

7.   The method of claim 6, wherein said applying is done using an error filter which is one of a (1) Floyd and Steinberg filter, (2) a Jarvis, Judice and Ninke filter, and (3) a Stucki filter.

8.   The method of claim 6, wherein the mentioned chosen distribution-weight totality number is 15/16 of the mentioned defined distribution-weight totality number.

9.   The method of claim 6, wherein said applying is done using a Floyd and Steinberg error filter.

10.   The method of claim 9, wherein the mentioned chosen distribution-weight totality number is 15/16 of the mentioned defined distribution-weight totality number.